

ABSTRACT

The present invention relates to homogeneous alumoxane-LCT-epoxy polymers and methods for making the same. The homogeneous alumoxane-LCT-epoxy polymers comprise alumoxane-containing sub-structures evenly dispersed and essentially completely co-reacted with the LCT-epoxy sub-structures. The alumoxane sub-structures are organically bonded to the LCT-epoxy sub-structures. This produces homogeneous alumoxane-LCT-epoxy polymers that are substantially free of particle wetting and micro-void formation, with improved thermal conductivity properties without compromising on other desired structural integrities.